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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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	UTILITY PATENT APPLICAT (Only for new nonprovisional application)	
Attorney Docket No. (maximum 12 characters) First Named Inventor	Howard S. David	
Title: DISTRIBUTE	D MEMORY MODULE CACHE COMMAN	ND FORMATTING
Express Mail Label N	loEL867648920US	
	Assistant Commissioner for Patents Box Patent Application Washington, D. C. 20231	

ADDRESS TO:		Assistant Commissioner for Patents Box Patent Application Washington, D. C. 20231					
APPL	ICATION	ELEMENTS					
		pter 600 concerning utility patent application contents.					
1.	<u>_x</u>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)					
2.		Applicant Claims Small Entity Status. (37 CFR 1.27)					
3.	<u>X</u>	Specification (Total Pages					
4.	X	Drawings(s) (35 USC 113) (Total Sheets <u>5</u>)					
5.	X	Oath or Declaration (Total Pages <u>5</u>)					
		a Newly Executed (Original or Copy)					
		b Copy from a Prior Application (37 CFR 1.63(d)) (for Continuation/Divisional with Box 18 completed)					
		i <u>DELETIONS OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).					
		c. X Unsigned.					
6.		Application Data Sheet. (37 CFR 1.76)					
7.		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)					
8.	(if applicable,	Nucleotide and/or Amino Acid Sequence Submission all necessary) Computer Readable Form (CRF)					
	b	Specification Sequence Listing on: iCD-ROM or CD-R (2 copies); or iipaper Statement verifying identity of above copies					

2/15/01

ACCOMPANYING APPLICATION PARTS						
9 Assignment Papers (cover sheet & documents(s)) 10 a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)						
b. Power of Attorney						
11 English Translation Document (if applicable)	English Translation Document (if applicable)					
12 a. Information Disclosure Statement (IDS)/PTO-1449	a. Information Disclosure Statement (IDS)/PTO-1449					
b. Copies of IDS Citations						
13 Preliminary Amendment						
14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)					
15 Certified Copy of Priority Document(s) (if foreign priority is claimed)						
16 Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
17 Other:						
18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:						
Continuation Divisional Continuation-in-part (CIP) Of Prior Application No.: Examiner Group Art Unit						
X Customer Number or Bar Code Label or (Insert Customer No. or Attach Bar Code Label here) X Correspondence Address Below						
NAME Michael J. Mallie						
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP						
ADDRESS12400 Wilshire Boulevard	_					
Seventh Floor	_					
CITY Los Angeles STATE California ZIP CODE 90025-1026						
Country <u>U.S.A.</u> TELEPHONE <u>(408) 720-8300</u> FAX <u>(408) 720-9397</u>	_					
Name (PRINT/TYPE): Peter Lam Registration No.: 44,855						
Signature: Date: December 31, 2001	_					

2/15/01 -2-

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **FEE TRANSMITTAL FOR FY 2002** TOTAL AMOUNT OF PAYMENT (\$) \$1,136.00 Complete if Known: Application No. Unassigned Filing Date Unassigned **First Named Inventor** Howard S. David Group Art Unit Unassigned Examiner Name Unassigned 42390.P13872 Attorney Docket No. **METHOD OF PAYMENT** (check one) [X] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: **Deposit Account Number** 02-2666 **Deposit Account Name** Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 [X] Applicant claims small entity status. See 37 CFR 1.27 1 2. Payment Enclosed: Check **Money Order** Other **FEE CALCULATION** 1. **BASIC FILING FEE** Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) **Fee Description** Fee Paid Utility application filing fee 740.00 101 740 201 370 Design application filing fee 106 330 206 165 107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee 114 160 214 80 Provisional application filing fee SUBTOTAL (1) \$ 740.00 2. **EXTRA CLAIM FEES** Fee from **Extra Claims** below Fee Paid **Total Claims** 18.00 = 144.00 $-3^{**} = 3$ Independent Claims 6 84.00 <u>252.00</u> **Multiple Dependent** 00.00 **Or number previously paid, if greater; For Reissues, see below. Large Entity **Small Entity** Fee Fee Fee Fee Code (\$) Code (\$) **Fee Description** 103 18 203 9 Claims in excess of 20 102 84 202 Independent claims in excess of 3 42 104 280 Multiple dependent claim, if not paid 204 140 109 **Reissue independent claims over original patent 84 209 42 110 18 210 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) \$ 396.00

FEE CALCULATION (continued)							
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	ADDITION						
	<u>Entity</u>	Small E					
Fee	Fee	Fee	Fee	For Description	Fee Deid		
Code	(\$)	Code	(\$)	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath			
127	50	227	25	Surcharge - late provisional filing fee or cover sheet			
139	130	139	130	Non-English specification			
147	2,520	147	2,520	For filing a request for ex parte reexamination			
099	8,800	099	8,800	Request for inter parties reexamination			
112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			
115	110	215	55	Extension for reply within first month			
116	400	216	200	Extension for reply within second month			
117	920	217	460	Extension for reply within third month			
118	1,440	218	720	Extension for reply within fourth month			
128	1,960	228	980	Extension for reply within fifth month			
119	320	219	160	Notice of Appeal			
120	320	220	160	Filing a brief in support of an appeal			
121	280	221	140	Request for oral hearing			
138	1,510	138	1,510	Petition to institute a public use proceeding			
140	110	240	55	Petition to revive – unavoidable			
141	1,280	241	640	Petition to revive - unintentional			
142	1,280	242	640	Utility issue fee (or reissue)			
143	460	243	230	Design issue fee			
144	620	244	310	Plant issue fee			
122	130	122	130	Petitions to the Commissioner			
123	50	123	50	Processing fee under 37 CFR 1.17(q)			
126	180	126	180	Submission of Information Disclosure Stmt			
581	40	581	40	Recording each patent assignment per			
				property (times number of properties)			
146	740	246	370	For filing a submission after final rejection			
				(see 37 CFR 1.129(a))			
148	110	248	55	Statutory Disclaimer			
149	740	249	370	For each additional invention to be examined			
1				(see 37 CFR 1.129(b))			
179	740	279	370	Request for Continued Examination (RCE)			
169	900	169	900	Request for expedited examination of a design			
				application			
195	300	195	300	Publication fee for early, voluntary, or normal pub.			
196	300	196	300	Publication fee for republication			
194	130	194	130	Request for voluntary publication or republication			
098	130	098	130	Processing fee under 37 CFR 1.17(i) (except provisionals			
091	1,280	091	1,280	Acceptance of unintentionally delayed claim for priority	y		
O+h	foo (orași	· · ·					
Other	fee (specif	у)					
*Reduced by Basic Filing Fee Paid							
SUBMITTED BY:							
Typed or Printed Name: Peter Lam							
Signature: Date: December 31, 2001							
Reg. Number: //44,855 Telephone Number:(408) 720-8300							

"Express Mail" mailing label number: EL867648920US Date of Deposit: December 31, 2001 I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231. MICHELLE BEGAY Name of Person Mailing Paper or Fee December 31, 2001 Signature of Person Mailing Paper or Fee Date Signed